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- (71) Applicant and
(72) Inventor: MASLEN, Des [AU/AU]; 1 Sabre Avenue, Ray-
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- (74) Agent: BALDWIN SHELSTON WATERS; 60 Margaret
Street, Sydney, NSW 2000 (AU).
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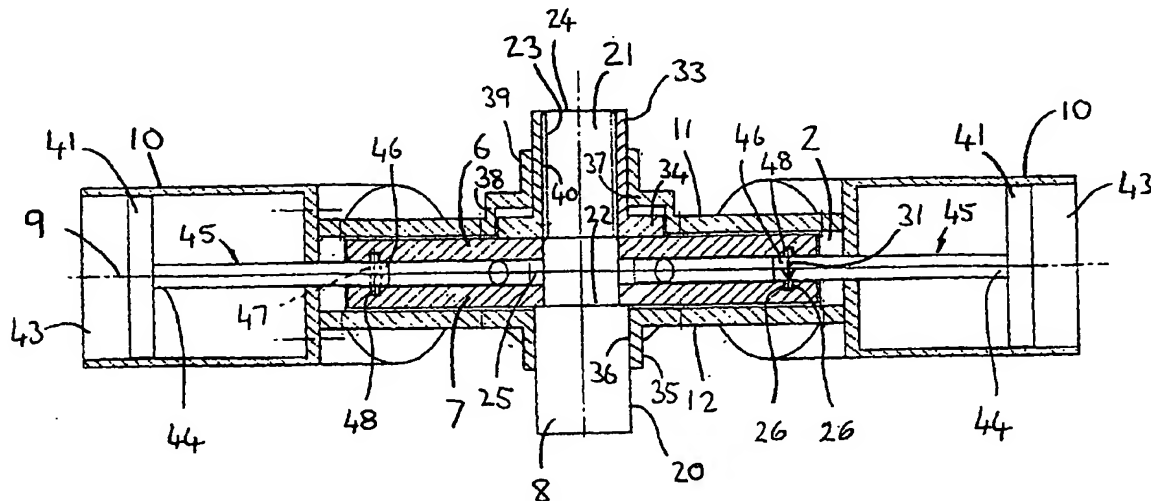
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(54) Title: RADIAL ENGINE



(57) Abstract: The invention relates to a radial engine (1). The engine includes an engine block (2) having a central aperture (15). A drive shaft (8) extends through the aperture and a planar cam plate (6, 7) is fixedly mounted on the shaft. A pair of spaced opposed walls (26) extend from the surface of the plate to define a substantially "figure 8" shaped continuous loop (27). At least one cylinder (10) is fixed with respect to the block and extends outwardly from the block. A reciprocable piston (41) is slidably mounted within the cylinder (10). A connecting rod (45) is fixedly connected at one (44) end to the piston (41) and includes an opposite free end (46). A cam follower (48) is translationally fixed with respect to the connecting rod (45). The cam follower is engaged with at least one of the walls (26), such that reciprocation of the piston (41) rotates the plate (6, 7) and the shaft (8).

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